ATTACHMENT J-37
MANAGEMENT CAPABILITY FACTOR REQUIREMENTS AND STANDARDS

The following tables identify the requirements and associated standards for each factor/subfactor/criteria combination that shall be evaluated by the Management Evaluation Team. These requirements and standards are imported directly into the Evaluator's Analysis Worksheet by EZSource for each factor/subfactor/criteria combination.

1. Management, Organization, & Controls Subfactor.

a. Program Management Criteria

Requirement	Standard
Project Management Organization and Staffing	Consistent and robust management organization, staffing, coordination, and processes that ensures effective cost, schedule, and technical performance.
Risk Management System	Comprehensive, consistent processes to identify, analyze, mitigate, report, and track all critical program risks in all technical area and procurement phases.
Phase I Lessons Learned	• Candid awareness of Phase I issues and appropriate actions taken for Phase II; proposes effective management tools and procedures for improvement (e.g. data sharing, review processes, interaction with Government TATs/SIT and subcontractors, etc.)
Communication and Coordination Plans and Processes	Sound approach that clearly defines lines of authority, responsibility, and communication between Government and Contractor, and Government and Subcontractors.
Contract Work Breakdown Structure (CWBS) - Organization Matrix	Presents complete and logical relationship of the CWBS to the proposed organization..
IPPD Principles and Processes	Robust and consistent IPPD team structure, principles, workflow system, information sharing, work planning and execution, and review processes and procedures.
Subcontract Management	Sound policies and processes for managing subcontractor cost, schedule and performance.
Schedule: • Contract Milestones & Key Events • Task and Delivery Orders • Cost/Performance Trade off Events	Presents complete and reasonable sequence of events that is consistent with the Implementation Plan and identifies interdependencies and where applicable critical paths.

• Test & Evaluation Events • IPDE Implementation Milestones	
IMP – IMS Consistency	Proposed organization size and structure adequate for performance of the events described in the IMS.

b. Quality Assurance Criteria

Requirement	Standard
QA System	Approach consistent with ANSI/ASQC Q9001-1994 Quality Systems-Model.
Defect management	Robust processes for defect identification, documentation, and correction that also rectify root causes of defects to prevent recurrence.
QA System Implementation and Maintenance	Logical implementation approach and durable processes for continuous maintenance that ensure QA system effectiveness.

c. Data Management Criteria

Requirement	Standard
Data Management Concept	Comprehensive data management concept with sound systems and procedures that enable planning, visibility of system design and characteristics, and status reporting and historical archiving of all project data.
Integrated Product Data Environment (IPDE)	Feasible IPDE concept and features that enable collaborative design and management between geographically distributed Government, Contractor and subcontractor facilities.

d. Environmental Management Criteria

Requirement	Standard
Environmental Management Program: • Pollution Prevention • Environmental Protection • Hazardous Material Management • Environmental Impact Assessment • Energy Conservation	Understands scope and applicability of environmental management program requirements.
Environmental Management Integration	Presents a balanced approach to integrating and accounting for environmental management issues

	for the IDS and for the asset design, production, support, operation, and disposal procurement phases.

e. Asset Production and Support Capability Criteria

Requirement	Standard
Asset Production and Support Capability	Production and support capabilities are adequate and available (time, space, equipment, resources) to support proposed Implementation Plan.
Management Organizations	Sound management organization provided during and through the transitions from asset design to construction to sustainment.

2. Systems Integration Subfactor.

a. Systems Engineering Criteria

Requirement	Standard
Systems Engineering Program	Sound approach and processes for technical definition, technical planning, interface management, and effective exchange of engineering data across the IPPD.
Tradeoff Methodology	Robust mechanisms for conducting tradeoffs that enable optimization of IDS performance, facilitate sensitivity analyses and contingency planning.
Configuration Management	Thorough, achievable processes, systems and controls that define, track and manage changes to technical baselines.
Software Development & Integration Methodology	Methodology and processes consistent with SEI CMM or equivalent practices; indicates current level of SEI CMM or equivalent practice certification.
Technology Refreshment	Robust, feasible mechanisms for technology refreshment throughout the IDS lifecycle.

b. C4ISR Architecture Plan Criteria

Requirement	Standard
C4ISR Architecture Program	Understands scope and applicability of C4ISR Architecture Program requirements; approach for update and maintenance of C4ISR Architectures consistent with DoD C4ISR Architecture Framework.

C4ISR Architecture to Asset Transition	Sound process for transitioning from C4ISR IDS and asset architectures to specific C4ISR asset design, development, production and life cycle support.
C4ISR Interoperability Assurance	Adequate processes and tools that ensure comprehensive interoperability with assets and systems internal and external to the IDS.
Open and Modular C4ISR Design	Understands lifecycle impacts and presents viable technical approach that ensures developed IDS assets and systems are both open and modular.

c. IDS Integrated Logistics Planning Criteria

Requirement	Standard
IDS Integrated Logistics Planning	Understands scope and applicability of logistics planning requirements; applies ILS principles and practices at the IDS and asset levels throughout all procurement phases for the life of the IDS.

d. Test & Evaluation Criteria

Requirement	Standard
Test and Evaluation (T&E) Program	Understands scope and applicability of T&E requirements; approach and activities consistent with resources and schedules in the IMP and IMS.
Test and Evaluation (T&E) Structure	Appropriately links T&E activities to risk reduction and mitigation and to validation of technical performance, operational effectiveness, and asset suitability.

e. IDS Performance/Cost Analysis Criteria

Requirement	Standard
Performance/Cost Analysis Methodology	Understands scope and applicability of IDS performance/cost analysis requirements; appropriate tools and processes that conduct IDS and asset tradeoffs/synergies between operational effectiveness and cost throughout the IDS lifecycle.
Adjustments to IDS Baselines	Appropriate processes and decision criteria describing how results of tradeoff/synergy analyses may trigger adjustment to IDS baselines (i.e. introduction of new assets/concepts, refining system/asset characteristics, adjustment of CONOPS, etc.).

3. Phase 2 Work Planning Subfactor.

a. Statements of Work Criteria

The requirement is to provide offeror-developed Statements of Work (SOWs), in accordance with the Contractor-Developed Statement of Work Template, which collectively describe all work proposed to be performed by the offeror for all CLINs in the base period. The following standards will be applied to all such offeror-developed SOWs, their attachments, and associated IMP, IMS and Technical Approach:

- Appropriate point of entry consistent with the level of design maturity.
- Consistent with respect to the Implementation Plan and schedules.
- Complete with respect to SOW template.
- Fully, logically, and feasibly accomplishes phase objectives.
- Enforceable

CONTRACTOR-DEVELOPED STATEMENT OF WORK (SOW) TEMPLATE

Section Number	Title	Description
1.0	Scope	Refer to Section 1.1 of Attachments J-8 through J-11, Statements of Objectives. Include a statement about what this SOW covers, including a description that clearly defines the specific products and services to be delivered to the Government as a result of the performance of this SOW. Include background information about the relationship of this SOW to work previously completed, as well as follow-on work planned.
2.0	Relevant Items	
2.1	Applicable Documents	Refer to Section 2.10.2.2.(a) of Attachment J-7, Systems Integration & Management Statement of Work.
2.2	Government Furnished Items	Refer to Section 2.10.2.2.(b) of Attachment J-7, Systems Integration & Management Statement of Work.
3.0	Requirements	The arrangement of technical tasks and subtasks within the Requirements section are dictated by Asset Statement of Objectives. Individual SOW tasks shall provide clear traceability of all work to be accomplished in the task order.
3.1	Project Management	Refer to Section 2.1 of Attachments J-8 through J-11, Statements of Objectives.
3.1.1	IMP	Refer to Section 2.1.1 of Attachment J-7, Systems Integration & Management Statement of Work.
3.1.2	Facility/Support for IPPD Team	Refer to Section 2.1.2 of Attachment J-7, Systems Integration & Management Statement of Work.
3.1.3	IPPD Team Training	Refer to Section 2.1.3 of Attachment J-7, Systems Integration & Management Statement of Work.
3.1.4	IMS	Refer to Section 2.1.4 of Attachment J-7, Systems Integration & Management Statement of Work.
3.1.5	CWBS	Refer to Section 2.1.5 of Attachment J-7, Systems Integration & Management Statement of Work.
3.1.6	EVMS and Cost Reporting	Refer to Section 2.1.6 of Attachment J-7, Systems Integration & Management Statement of Work.
3.1.7	Program Security	Refer to Section 2.1.7 of Attachment J-7, including all subsections, Systems Integration & Management Statement of Work.
3.1.8	Risk Management	Refer to Section 2.1.8 of Attachment J-7, Systems Integration & Management Statement of Work.
3.1.9	Programmatic Reviews	Refer to Section 2.1.1, including all subsections, of Attachments J-8 through J-11, Statements of Objectives, and Section 2.1.9, including all subsections, of Attachment J-7,

Section Number	Title	Description
		Systems Integration & Management Statement of Work.
3.2	Quality Assurance	Refer to Section 2.2 of Attachments J-8 through J-11, Statements of Objectives.
3.2.1	Quality Assurance System	Refer to Section 2.2.1 of Attachment J-7, Systems Integration & Management Statement of Work.
3.2.2	Corrective Action	Refer to Section 2.2.2 of Attachment J-7, Systems Integration & Management Statement of Work.
3.3	Data Management	Refer to Section 2.3, including all subsections, of Attachments J-8 through J-11, Statements of Objectives and to Section 2.3 of Attachment J-7, Systems Integration & Management Statement of Work.
3.3.1	Data Delivery	Refer to Section 2.3.1 of Attachment J-7, Systems Integration & Management Statement of Work.
3.3.2	IPDE	Refer to Section 2.3.2, including all subsections, of Attachment J-7, Systems Integration & Management Statement of Work.
3.4	Environmental Management	Refer to Section 2.4 of Attachments J-8 through J-11, Statements of Objectives.
3.4.1	Environmental Protection Working Group	Refer to Section 2.4.1 of Attachment J-7, Systems Integration & Management Statement of Work.
3.4.2	Environmental Management Program	Refer to Section 2.4.2, including all subsections, of Attachment J-7, Systems Integration & Management Statement of Work.
3.5	Systems Engineering	Refer to Section 2.5 of Attachments J-8 through J-11, Statements of Objectives.
3.5.1	Configuration Management	Refer to Section 2.5.1, including all subsections, of Attachment J-7, Systems Integration & Management Statement of Work.
3.5.2	Technology Refreshment	Refer to Section 2.5.2 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6	C4ISR Development	Refer to Section 2.6, including all subsections, of Attachments J-8, J-10, and J-11, Statements of Objectives. (Note: The resulting companion C4ISR Statement of Work, if applicable, shall be provided as an attachment to this Statement of Work.)
3.6.1	IDS and Asset C4ISR Architectures	Refer to Section 2.6.1 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.2	Information Assurance	Refer to Section 2.6.2 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.3	Data Integration and Fusion	Refer to Section 2.6.3 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.4	Interoperability	Refer to Section 2.6.4 of Attachment J-7, Systems Integration &

Section Number	Title	Description
		Management Statement of Work.
3.6.5	Radio Frequency and Spectrum Management	Refer to Section 2.6.5 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.6	Network and Bandwidth Management	Refer to Section 2.6.6 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.7	CANDI	Refer to Section 2.6.7 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.8	Open Systems	Refer to Section 2.6.8 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.9	Modular Systems	Refer to Section 2.6.9 of Attachment J-7, Systems Integration & Management Statement of Work.
3.6.10	Survivability Analysis	Refer to Section 2.6.10 of Attachment J-7, Systems Integration & Management Statement of Work.
3.7	Logistics	Refer to Section 2.7 of Attachments J-8 through J-11, Statements of Objectives. (Note: The completed Logistics Requirements Matrix from Attachment J-20, along with the associated detailed logistics task descriptions, shall be provided as an attachment to this Statement of Work.)
3.8	Test & Evaluation	Refer to Section 2.8, including all subsections, of Attachments J-8 through J-11, Statements of Objectives.
3.8.1	General Requirements	Refer to Section 2.8.1 of Attachment J-7, Systems Integration & Management Statement of Work.
3.8.2	Planning Requirements	Refer to Section 2.8.2, including all subsections, including all subsections, of Attachment J-7, Systems Integration & Management Statement of Work.
3.8.3	Review Requirements	Refer to Section 2.8.3 of Attachment J-7, Systems Integration & Management Statement of Work.
3.8.4	T&E Requirements	Refer to Section 2.8.4 of Attachment J-7, including all subsections, Systems Integration & Management Statement of Work.
3.9	CONOPS Plan	Refer to Section 2.9 of Attachments J-8 through J-11, Statements of Objectives.
3.10	Task and/or Delivery Order Planning & Development	Refer to Section 2.10 of Attachments J-8 through J-11, Statements of Objectives.
3.10.1	Task and/or Delivery Order Scoping	Refer to Section 2.10.1 of Attachment J-7, Systems Integration & Management Statement of Work.

Section Number	Title	Description
	Meeting	
3.10.2	Draft Task and/or Delivery Order and Work Plan Preparation	Refer to Section 2.10.2, including all subsections, of Attachment J-7, Systems Integration & Management Statement of Work.
3.10.3	Task and/or Delivery Order Readiness Review	Refer to Section 2.10.3 of Attachment J-7, Systems Integration & Management Statement of Work.
3.11 through 3.x	Asset Specific SOO Requirements	Refer to Sections 2.11 through end of Section 2, including all subsections, of Attachments J-8 through J-11, Statements of Objectives.
3.x+1 through 3.y	Phase Specific SOO Requirements	Refer to Sections 3, including all subsections, of Attachments J-8 through J-11, Statements of Objectives.
3.y+1 through 3.z	Additional Contractor-developed Tasks	Describe any additional tasking required to fully satisfy the Phase objective(s) of the SOW
-	-	**Statement of Work Attachments:**
	C4ISR Companion SOW	Refer to Section 2.6 of Attachments J-8, J-10, and J-11, Statements of Objectives.
	Completed Attachment J-20 & Logistics Task Descriptions	Refer to Section 2.7 of Attachments J-8 through J-11, Statements of Objectives.
	CDRL	Refer to Section 2.10.2.2.1 of Attachment J-7, Systems Integration & Management Statement of Work
	SOW Contractor Work Breakdown Structure	Refer to Section 2.10.2.2.2 of Attachment J-7, Systems Integration & Management Statement of Work
-	**-**	**Additional Task & D.O. Items**
	Task / Delivery Order IMP	For each task or D.O. SOW with performance during the first year of the contract, refer to Section 2.10.2.3.1,of Attachment J-7, Systems Integration & Management Statement of Work
	Task / Delivery Order IMS	For each task or D.O. SOW with performance during the first year of the contract, refer to Section 2.10.2.3.2,of Attachment J-

Section Number	Title	Description
		7, Systems Integration & Management Statement of Work
	Task / Delivery Order Technical Approach	For each task or D.O. SOW with performance during the first year of the contract, refer to Section 2.10.2.3.3,of Attachment J-7, Systems Integration & Management Statement of Work

b. IDS Performance Measurement Plan

Requirement	Standard
IDS Performance Measurement Plan	Performance measurement approach and associated metrics are: • Comprehensive • Achievable with a reasonable level of effort by the Government and the Contractor • quantifiable, measurable, and traceable to the stated IDS objective(s) • provide for trend analysis of IDS Operational Effectiveness, Total Ownership Cost • logically and feasibly linked to Total Systems Integration responsibility, Award Term evaluation, financial incentives, system cost/performance analysis and individual task and/or delivery orders.

c. Small Disadvantaged Business (SDB) Participation

Requirement	Standard
Identification and Commitment to use SDB	Specifically identifies participating SDB and demonstrates reasonable commitment to use these SDB (e.g. subcontract agreements already in place, letters of commitment, etc.)
Extent of SDB Participation	Allocates reasonable goals for individual and overall SDB participation (goals to be defined in terms of both dollar value and percentage of total contract value).